



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 6

Test Date: March 2008
Code: 10071134
SAU: Auburn School Department
School: East Auburn Community School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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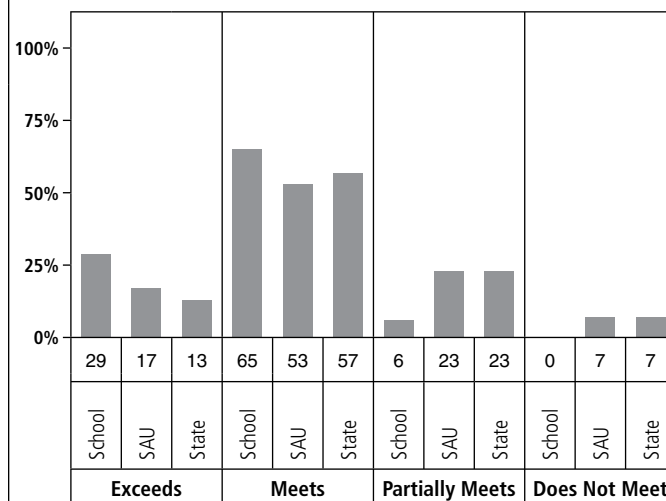
SUMMARY OF SCORES

Test Date: March 2008
Grade: 6
SAU: Auburn School Department
School: East Auburn Community School

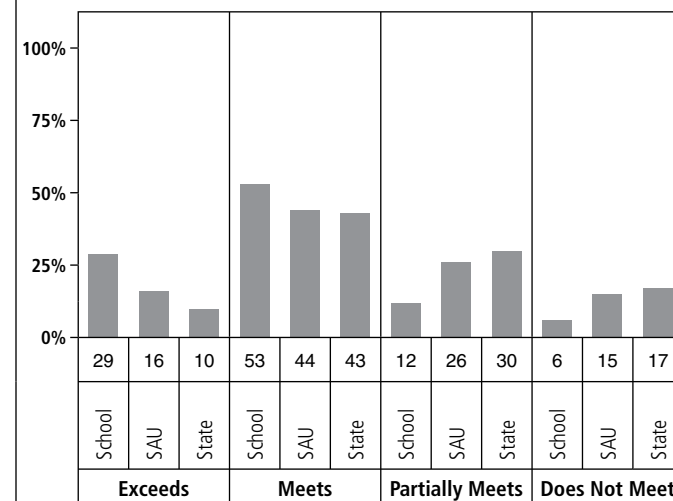
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006		645	644
2006–2007	649	647	646
2007–2008	656	648	648
Cum. Avg. *		647	646
Mathematics			
2005–2006		645	641
2006–2007	652	648	643
2007–2008	655	645	642
Cum. Avg. *		646	642

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
 Grade: 6
 SAU: Auburn School Department
 School: East Auburn Community School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																							
							ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	17	100	257	100	14365	100	17	100	255	99	14266	99	17	100	255	99	14268	99												
Ethnicity African American/Black	0	0	20	8	418	3	0	0	20	100	407	97	0	0	20	100	413	99												
American Indian or Native Alaskan	0	0	4	2	111	1	0	0	4	100	110	99	0	0	4	100	110	99												
Asian or Pacific Islander	0	0	4	2	249	2	0	0	4	100	249	100	0	0	4	100	248	100												
Hispanic	1	6	3	1	149	1	1	100	3	100	147	99	1	100	3	100	147	99												
Caucasian/White	16	94	226	88	13438	94	16	100	224	99	13353	100	16	100	224	99	13350	100												
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Identified disability	5	29	53	21	2518	18	5	100	52	98	2479	99	5	100	52	98	2479	99												
Current LEP	0	0	14	5	349	2	0	0	14	100	339	97	0	0	14	100	344	99												
Economically disadvantaged	6	35	126	49	5335	37	6	100	124	98	5277	99	6	100	124	98	5279	99												
Migrant	0	0	0	0	7	0	0	0	0	0	7	100	0	0	0	0	7	100												

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	8	47	189	74	11613	81	10	59	192	75	11626	81												
Identified disability (PET/IEP)	0	0	6	3	373	3	0	0	6	3	373	3												
LEP	0	0	7	4	187	2	0	0	7	4	187	2												
504 plan	0	0	4	2	149	1	0	0	4	2	150	1												
Participation with accommodations	9	53	64	25	2451	17	7	41	62	24	2446	17												
Identified disability (PET/IEP)	5	56	45	70	1909	78	5	71	45	73	1910	78												
LEP	0	0	6	9	142	6	0	0	7	11	152	6												
504 plan	1	11	1	2	85	3	1	14	1	2	84	3												
Other	3	33	12	19	350	14	1	14	9	15	335	14												
Participation through alternate assessment (PAAP)	0	0	1	0	197	1	0	0	1	0	196	1												
Identified disability (PET/IEP)	0	0	1	100	197	100	0	0	1	100	196	100												
LEP	0	0	0	0	5	3	0	0	0	0	5	3												
504 plan	0	0	0	0	0	0	0	0	0	0	0	0												
Approved non-participation in reading – 1st year LEP	0	0	1	0	5	0																		
Approved non-participation – special consideration	0	0	0	0	24	0	0	0	0	0	24	0												
Non-participation – other	0	0	2	1	75	1	0	0	2	1	73	1												

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2008
Grade: 6
SAU: Auburn School Department
School: East Auburn Community School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 661–680)	2005-2006			19	8	1176	8
	2006-2007	4	24	20	9	1132	8
	2007-2008	5	29	42	17	1817	13
	Cum. Total*			81	11	4125	10
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 641–660)	2005-2006			137	56	7612	51
	2006-2007	8	47	141	61	8127	57
	2007-2008	11	65	135	53	8072	57
	Cum. Total*			413	56	23811	55
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 629–640)	2005-2006			58	24	4080	27
	2006-2007	5	29	49	21	3549	25
	2007-2008	1	6	59	23	3194	23
	Cum. Total*			166	23	10823	25
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 600–628)	2005-2006			32	13	2005	13
	2006-2007	0	0	22	9	1478	10
	2007-2008	0	0	17	7	981	7
	Cum. Total*			71	10	4464	10

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	56	100	38.9	69.5	32.9	58.8	32.7	58.4
Literary Text	28	50	19.3	68.9	16.3	58.2	16.3	58.2
Informational Text	28	50	19.6	70.0	16.6	59.3	16.5	58.9

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 6
 SAU: Auburn School Department
 School: East Auburn Community School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	17	5	29	11	65	1	6	0	0	656	253	17	53	23	7	648	14064	13	57	23	7	648
Ethnicity																						
African American/Black	0										19	5	42	26	26	639	399	7	47	28	17	642
American Indian or Native Alaskan	0										4						108	4	54	32	10	643
Asian or Pacific Islander	0										4						247	16	60	20	4	650
Hispanic	1										3						145	8	45	34	14	643
Caucasian/White	16	5	31	10	63	1	6	0	0	657	223	18	55	22	5	649	13165	13	58	22	7	648
Not Reported	0										0						0					
Identified disability																						
Yes	5	1	20	3	60	1	20	0	0	651	51	6	31	45	18	639	2282	2	29	42	27	636
No	12	4	33	8	67	0	0	0	0	659	202	19	59	18	4	651	11782	15	63	19	3	650
Current LEP																						
Yes	0										13	0	38	38	23	637	329	4	44	30	22	640
No	17	5	29	11	65	1	6	0	0	656	240	18	54	23	6	649	13735	13	58	23	7	648
Economically disadvantaged																						
Yes	6	0	0	6	100	0	0	0	0	654	122	6	52	31	11	644	5153	6	51	31	12	643
No	11	5	45	5	45	1	9	0	0	658	131	27	55	16	2	653	8911	17	61	18	4	650
Migrant																						
Yes	0										0						7	14	57	14	14	648
No	17	5	29	11	65	1	6	0	0	656	253	17	53	23	7	648	14057	13	57	23	7	648
Gender																						
Female	6	1	17	5	83	0	0	0	0	655	128	22	52	23	4	650	6967	16	59	20	5	650
Male	11	4	36	6	55	1	9	0	0	657	125	11	55	24	10	647	7097	9	56	26	9	646
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										26	0	19	65	15	637	1186	6	41	42	11	642
No	17	5	29	11	65	1	6	0	0	656	227	19	57	19	6	650	12878	14	59	21	7	648
Gifted/talented program																						
Yes	2										12	75	25	0	0	665	557	50	48	2	0	661
No	15	4	27	10	67	1	7	0	0	655	241	14	55	24	7	647	13507	11	58	24	7	647

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
 Grade: 6
 SAU: Auburn School Department
 School: East Auburn Community School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	6	1	100	0	0	0	0	0	0	664	6	7	29	57	7	643	6	7	43	30	20	641
B. less than one hour	53	4	44	4	44	1	11	0	0	656	63	18	54	21	7	649	56	13	58	23	6	648
C. one to two hours	35	0	0	6	100	0	0	0	0	656	29	15	58	21	7	648	34	15	60	20	5	649
D. more than two hours	6	0	0	1	100	0	0	0	0	648	2	17	50	33	0	647	3	9	46	29	16	643
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	71	2	17	9	75	1	8	0	0	654	42	20	64	12	4	652	40	17	60	19	5	650
B. They match some of what I have learned.	24	3	75	1	25	0	0	0	0	663	46	18	48	27	7	648	48	12	59	23	6	648
C. They match just a little of what I have learned.	6	0	0	1	100	0	0	0	0	658	9	0	38	42	21	638	9	7	45	34	15	643
D. There is no match.	0										3	0	29	71	0	639	3	3	31	37	29	637
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	35	3	50	3	50	0	0	0	0	661	27	31	51	16	1	654	28	26	58	11	4	653
B. good	35	2	33	4	67	0	0	0	0	657	54	14	53	24	9	647	54	9	61	24	6	647
C. fair	24	0	0	3	75	1	25	0	0	649	17	5	56	30	9	644	16	3	48	37	13	642
D. poor	6	0	0	1	100	0	0	0	0	658	2	0	60	40	0	646	2	1	37	39	23	637
How difficult was the reading part of this test?																						
A. harder than my regular schoolwork	12	0	0	1	50	1	50	0	0	649	17	7	49	26	19	642	15	10	48	27	15	644
B. about the same as my regular schoolwork	76	4	31	9	69	0	0	0	0	657	69	19	53	23	5	649	66	13	59	22	5	649
C. easier than my regular schoolwork	12	1	50	1	50	0	0	0	0	659	13	18	59	24	0	651	18	15	58	20	7	649
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	6	0	0	1	100	0	0	0	0	648	13	3	41	31	25	639	9	2	37	37	23	638
B. Most of the passages were about the same as what I normally read.	59	2	20	7	70	1	10	0	0	655	58	16	55	24	5	649	54	9	59	26	6	647
C. Most of the passages were easier than what I normally read.	35	3	50	3	50	0	0	0	0	660	29	23	56	18	3	652	36	21	60	15	4	652
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	41	3	43	3	43	1	14	0	0	654	56	16	52	25	6	648	46	13	56	24	7	648
B. I tried about the same as I do on my regular schoolwork.	59	2	20	8	80	0	0	0	0	658	42	18	54	21	7	649	50	14	60	21	6	649
C. I did not try as hard on this test as I do on my regular schoolwork.	0										2	0	67	17	17	643	3	5	46	30	20	641
How much time do you spend reading at home each day?																						
A. more than one hour	18	1	33	2	67	0	0	0	0	656	13	18	58	15	9	648	19	19	58	17	6	651
B. 20 minutes to an hour	29	2	40	3	60	0	0	0	0	660	68	18	56	20	5	650	51	15	60	20	5	649
C. less than 20 minutes	29	1	20	3	60	1	20	0	0	651	8	15	40	40	5	647	12	9	56	26	9	646
D. I rarely read at home.	24	1	25	3	75	0	0	0	0	659	11	7	37	41	15	642	18	4	50	34	13	643
Optional school/SAU question																						
A.	0										17	0	100	0	0	656						
B.	0										33	0	50	50	0	646						
C.	0										50	0	0	33	67	623						
D.	0										0											

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 6
SAU: Auburn School Department
School: East Auburn Community School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 661–680)	2005-2006			41	17	1463	10
	2006-2007	2	12	49	21	2092	15
	2007-2008	5	29	40	16	1474	10
	Cum. Total*			130	18	5029	12
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 641–660)	2005-2006			104	42	5914	40
	2006-2007	12	71	111	47	5731	40
	2007-2008	9	53	111	44	6008	43
	Cum. Total*			326	44	17653	41
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 627–640)	2005-2006			53	22	4494	30
	2006-2007	3	18	47	20	4175	29
	2007-2008	2	12	65	26	4244	30
	Cum. Total*			165	22	12913	30
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 600–626)	2005-2006			47	19	3014	20
	2006-2007	0	0	28	12	2308	16
	2007-2008	1	6	38	15	2346	17
	Cum. Total*			113	15	7668	18

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	19	34	12.3	64.7	10.2	53.7	9.6	50.5
Cluster 2: Shape and Size	15	27	10.2	68.0	8.5	56.7	8.1	54.0
Cluster 3: Mathematical Decision Making	7	13	5.8	82.9	4.5	64.3	4.2	60.0
Cluster 4: Patterns	15	27	9.4	62.7	8.1	54.0	7.5	50.0

- Cluster 1: Numbers and Operations**
A. Numbers and Number Sense
B. Computation
I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
E. Geometry
F. Measurement
- Cluster 3: Mathematical Decision Making**
C. Data Analysis and Statistics
D. Probability
- Cluster 4: Patterns**
G. Patterns, Relations, and Functions
H. Algebra Concepts
K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 6
 SAU: Auburn School Department
 School: East Auburn Community School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	17	5	29	9	53	2	12	1	6	655	254	16	44	26	15	645	14072	10	43	30	17	642
Ethnicity																						
African American/Black	0										20	0	15	50	35	629	409	4	26	35	35	632
American Indian or Native Alaskan	0										4						108	6	26	39	29	635
Asian or Pacific Islander	0										4						247	13	50	25	13	646
Hispanic	1										3						145	9	32	34	25	638
Caucasian/White	16	5	31	9	56	2	13	0	0	656	223	17	48	22	12	647	13163	11	43	30	16	643
Not Reported	0										0						0					
Identified disability																						
Yes	5	2	40	2	40	1	20	0	0	654	51	4	27	29	39	632	2283	2	18	31	49	627
No	12	3	25	7	58	1	8	1	8	655	203	19	48	25	9	648	11789	12	48	30	10	645
Current LEP																						
Yes	0										14	0	7	64	29	629	339	5	22	32	41	631
No	17	5	29	9	53	2	12	1	6	655	240	17	46	23	14	646	13733	11	43	30	16	643
Economically disadvantaged																						
Yes	6	1	17	4	67	0	0	1	17	650	123	6	36	37	22	638	5160	4	34	36	26	636
No	11	4	36	5	45	2	18	0	0	657	131	25	51	15	8	651	8912	14	48	27	11	646
Migrant																						
Yes	0										0						7	0	57	43	0	641
No	17	5	29	9	53	2	12	1	6	655	254	16	44	26	15	645	14065	10	43	30	17	642
Gender																						
Female	6	1	17	3	50	1	17	1	17	647	129	15	44	26	16	644	6974	10	43	31	16	642
Male	11	4	36	6	55	1	9	0	0	659	125	17	43	26	14	646	7098	11	42	30	17	642
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										26	0	12	46	42	627	1192	4	23	43	30	634
No	17	5	29	9	53	2	12	1	6	655	228	18	47	23	12	647	12880	11	44	29	15	643
Gifted/talented program																						
Yes	2										12	67	33	0	0	668	557	53	42	4	0	663
No	15	3	20	9	60	2	13	1	7	652	242	13	44	27	16	644	13515	9	43	31	17	641

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 6
SAU: Auburn School Department
School: East Auburn Community School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	6	1	100	0	0	0	0	0	0	674	6	7	36	36	21	640	6	6	33	31	31	635
B. less than one hour	53	3	33	4	44	1	11	1	11	656	63	20	41	23	16	646	56	11	43	30	16	643
C. one to two hours	35	1	17	4	67	1	17	0	0	651	29	9	50	28	12	644	34	11	45	30	14	644
D. more than two hours	6	0	0	1	100	0	0	0	0	644	2	0	50	33	17	638	3	6	33	32	28	636
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	59	2	20	5	50	2	20	1	10	650	54	20	50	20	11	648	45	14	47	28	11	646
B. They match some of what I have learned.	41	3	43	4	57	0	0	0	0	661	36	14	43	26	16	644	43	8	43	33	17	641
C. They match just a little of what I have learned.	0										9	0	14	55	32	631	9	6	30	33	32	635
D. There is no match.	0										1	0	0	67	33	622	3	5	15	25	54	626
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	29	3	60	2	40	0	0	0	0	668	37	34	43	15	8	654	29	24	51	17	8	651
B. good	41	1	14	5	71	0	0	1	14	649	38	6	53	28	13	643	48	6	45	33	16	641
C. fair	29	1	20	2	40	2	40	0	0	649	23	3	34	33	29	635	19	1	29	42	28	634
D. poor	0										2	0	0	67	33	626	3	0	15	41	44	627
How difficult was the mathematics part of this test?																						
A. harder than my regular schoolwork	24	2	50	1	25	1	25	0	0	659	18	11	30	30	28	636	24	5	38	33	24	638
B. about the same as my regular schoolwork	76	3	23	8	62	1	8	1	8	653	62	12	47	27	13	645	62	9	45	31	14	643
C. easier than my regular schoolwork	0										19	33	43	16	8	654	14	26	43	20	12	650
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	53	2	22	4	44	2	22	1	11	649	58	11	45	28	16	643	48	10	41	32	17	642
B. I tried about the same as I do on my regular schoolwork.	47	3	38	5	63	0	0	0	0	661	38	23	44	20	13	648	49	12	45	28	15	644
C. I did not try as hard on this test as I do on my regular schoolwork.	0										3	25	0	63	13	644	3	9	33	27	32	637
How often do you use hands-on materials in mathematics class?																						
A. almost every day	13	1	50	1	50	0	0	0	0	668	18	9	43	28	20	640	17	8	39	30	22	639
B. two or three days a week	38	1	17	4	67	1	17	0	0	653	34	12	47	29	13	644	34	11	44	31	14	643
C. two or three times each month	38	1	17	3	50	1	17	1	17	648	32	21	39	21	19	646	31	12	44	29	15	644
D. never or almost never	13	2	100	0	0	0	0	0	0	672	16	23	49	26	3	652	18	10	42	31	18	642
How often do you use calculators in mathematics class?																						
A. almost every day	6	0	0	0	0	1	100	0	0	632	12	13	42	29	16	643	11	11	37	29	23	641
B. two or three days a week	29	2	40	3	60	0	0	0	0	660	37	13	48	27	13	646	32	11	44	30	15	643
C. two or three times each month	47	2	25	4	50	1	13	1	13	655	37	20	44	20	16	646	32	11	45	30	15	643
D. never or almost never	18	1	33	2	67	0	0	0	0	653	13	15	35	32	18	641	26	9	40	32	19	641
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	6	1	100	0	0	0	0	0	0	674	4	11	33	44	11	643	7	6	29	33	32	635
B. 30–45 minutes	0										12	7	24	24	45	629	37	8	39	34	20	640
C. 45–60 minutes	18	1	33	1	33	1	33	0	0	649	22	17	46	26	11	646	42	13	47	28	12	645
D. more than 60 minutes	76	3	23	8	62	1	8	1	8	654	63	18	47	25	11	648	15	12	46	27	15	644
Optional school/SAU question																						
A.	0										17	0	100	0	0	652						
B.	0										33	0	0	50	50	628						
C.	0										50	0	0	0	100	603						
D.	0										0											